WHAT IS CLAIMED IS

1. A multipurpose transforming device comprising:

a power supply device;

a power input device which has a first connector joined with the power supply device at one end and a second connector at the other end for connecting with a import connector; and

a power output device which has a third connector at one end and at least two output lines at the other end, each of the output lines having a forth connector, the third connector being jointed with the power supply device and the fourth connector being connected with corresponding output connector respectively.

2. A multipurpose transforming device comprising:

a power supply device having a power import device for accepting outside power and a power output device for supplying power to electric device loads, the power supply device comprising:

an AC supply unit used for transforming alternating current into direct current and outputting the direct current;

a voltage-regulating unit linked with the AC supply unit for accepting the direct current and supplying voltage to the electric device load after regulating, the voltage increased one unit testing voltage value from zero to rated load per unit time;

a galvanometry unit used for sampling a load current from circuit between the voltage-regulating unit and the electric device loads, and converting the sampling current into a current value for outputting;

a microprocessor linked with the voltage-regulating unit, the galvanometry unit and a memory, the microprocessor controlling the voltage-regulating unit to regulate outputting

voltage values supplied to the electric device loads, accepting current values from the galvanometry unit and comparing the current values with outputting value from the voltage-regulating unit to get required outputting value of the electric device load, and finally commanding the output voltage unit retaining output at this value.

3. The multipurpose transforming device as claimed in Claim 2, wherein said memory stores in advance common rated voltage values and rated current values to be a database of the electric device loads.

4. The multipurpose transforming device as claimed in Claim 2, wherein the voltage-regulating unit connects at least one electric device load and respectively supplies power to each electric device load.

5. The multipurpose transforming device as claimed in Claim 2, further comprising a communication interface linked with the microprocessor so that the processor communicates with a Personal Computer via the communication interface.

6. The multipurpose transforming device as claimed in Claim 2, further comprising a keyboard unit connected to the microprocessor so that a user input instructions to the microprocessor.

7. The multipurpose transforming device as claimed in Claim 2, further comprising a display device connected with the microprocessor for showing state and results of operation.